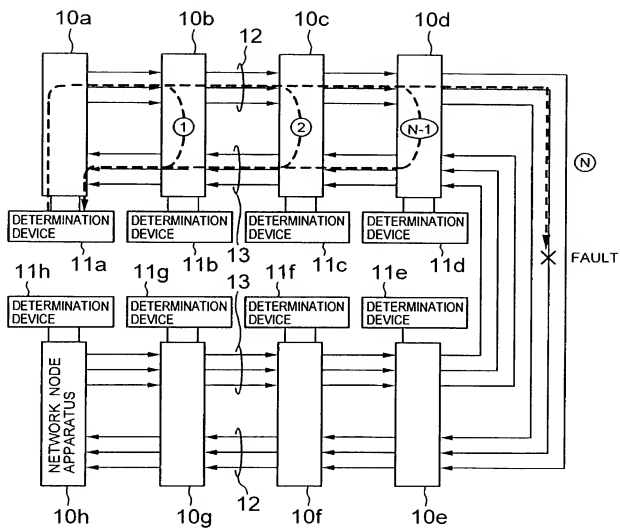




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FIG. 2



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FIG. 3A

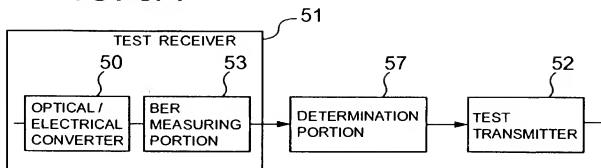


FIG. 3B

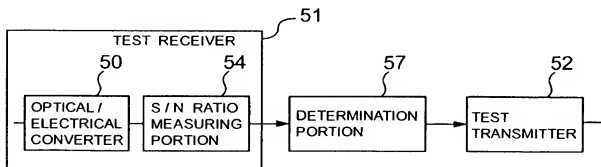


FIG. 3C

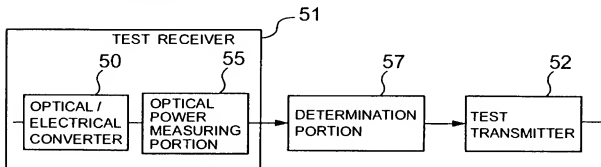


FIG. 3D

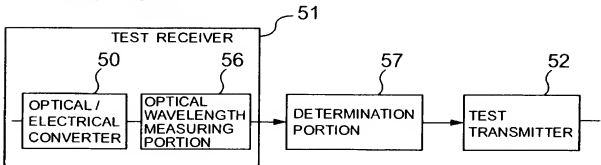


FIG. 4

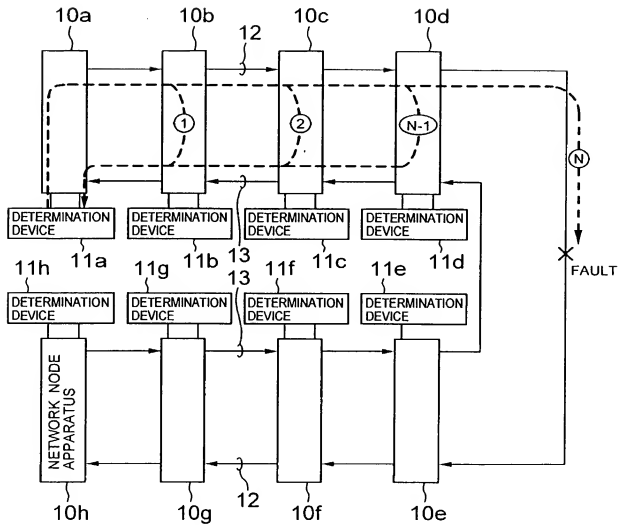
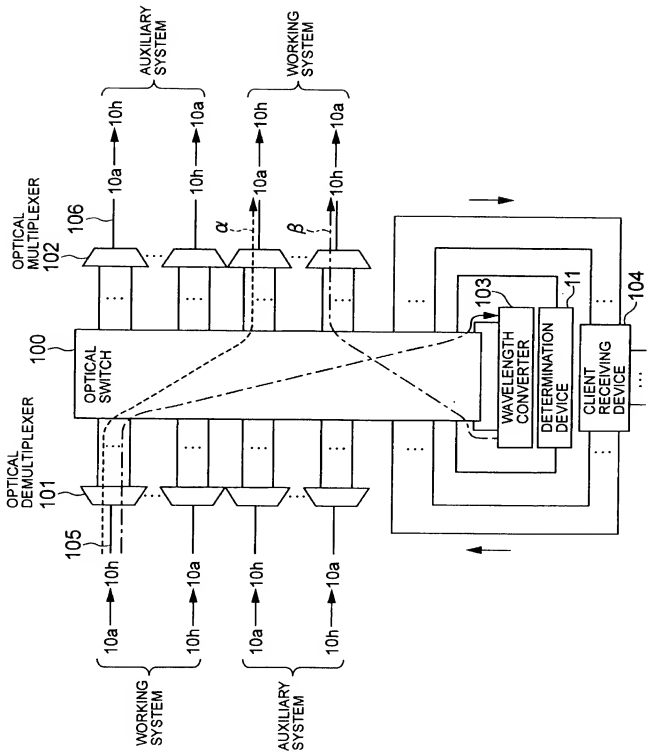
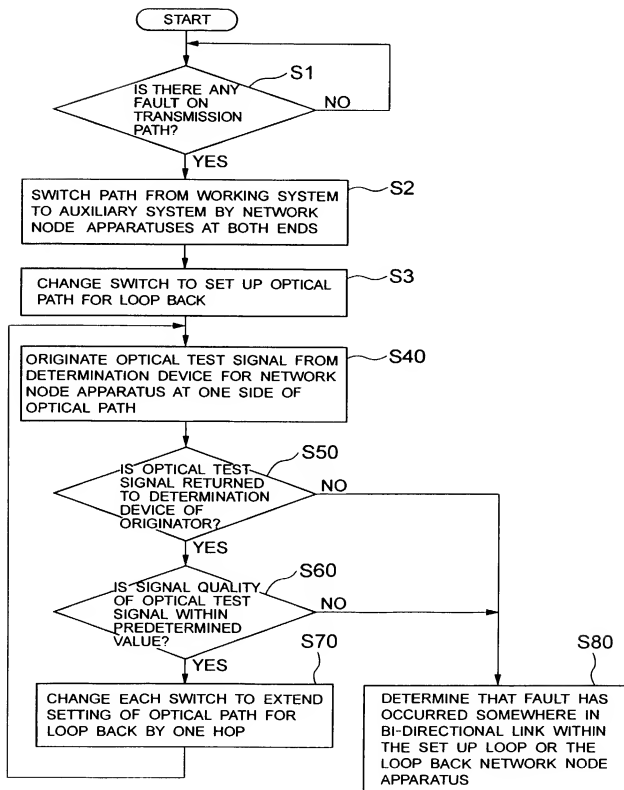


FIG. 5



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FIG.6





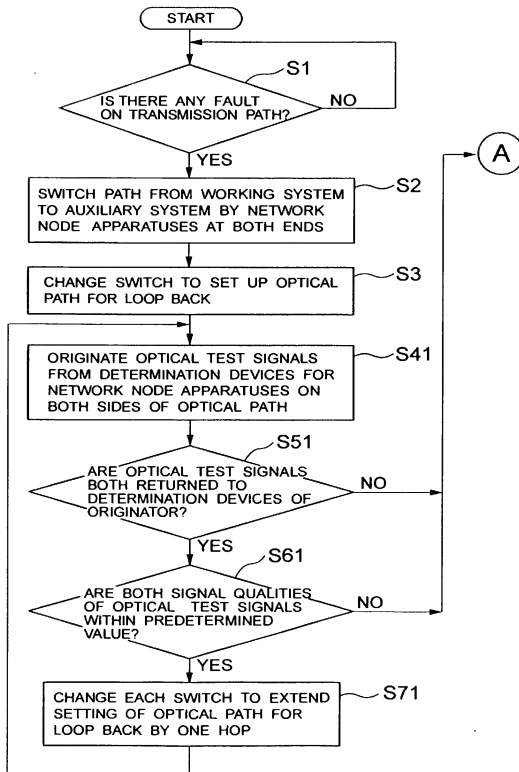
# FIG. 8

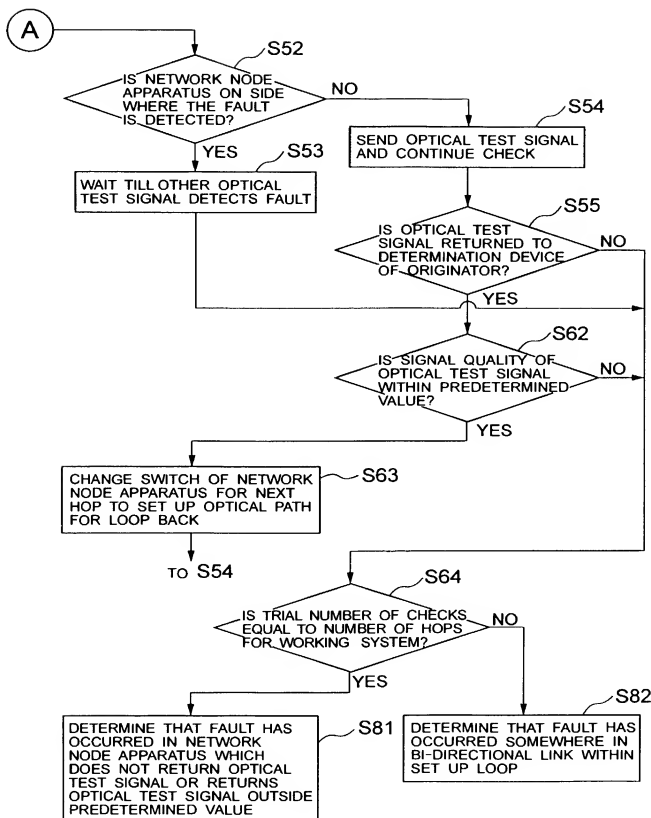
TRIAL NUMBER OF CHECKS UP TO DETECTION OF FAULT	TRIAL NUMBER OF CHECKS UP TO DETECTION OF FAULT	FAULT LOCATION
N TIMES	M TIMES	LINK BETWEEN 10D AND 10E
N TIMES	M-1 TIMES	NETWORK NODE APPARATUS 10E
N-1 TIMES	M TIMES	NETWORK NODE APPARATUS 10D



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FIG. 9







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FIG. 13

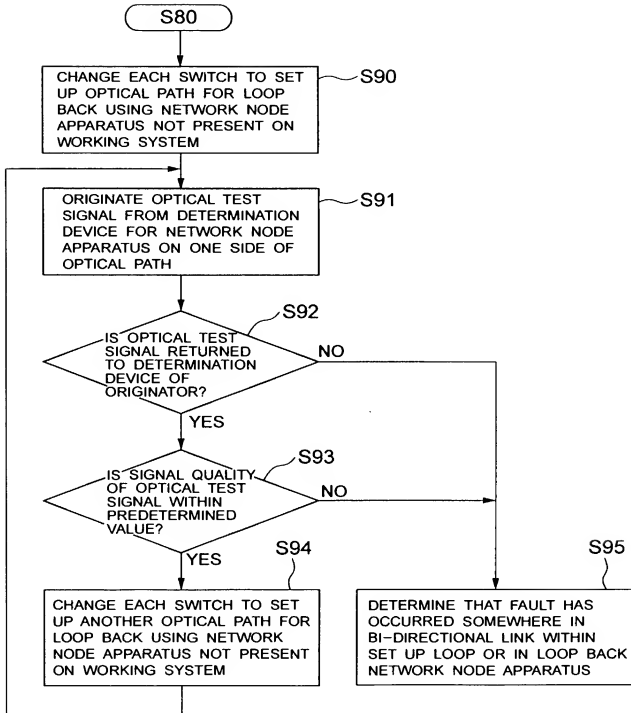


FIG. 14

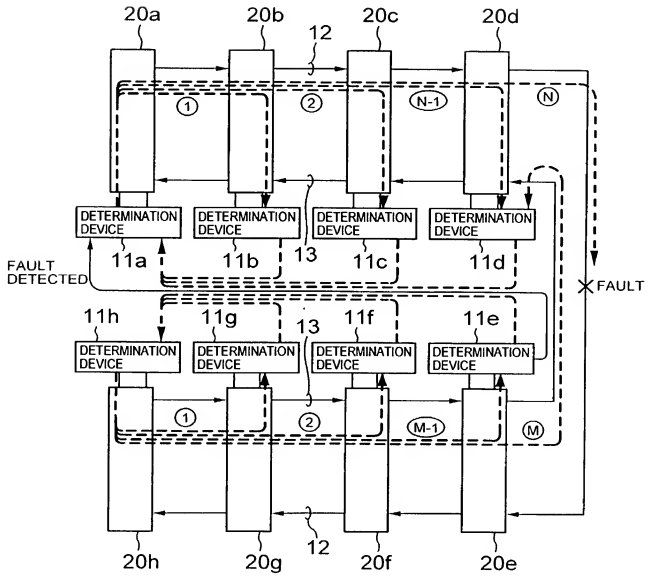


FIG. 15

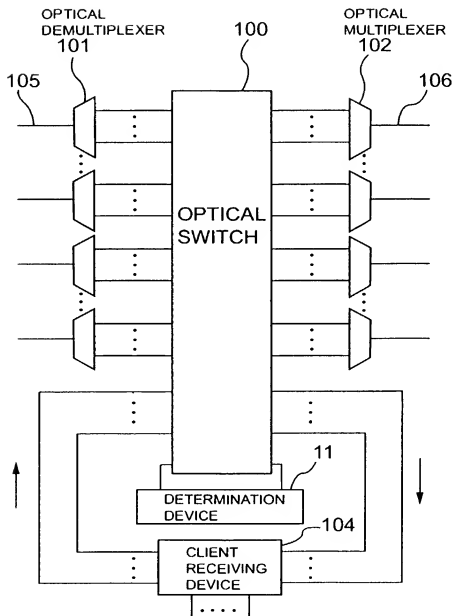
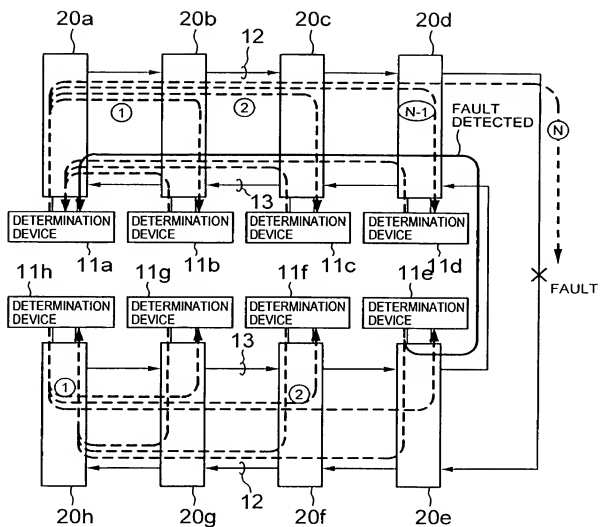


FIG. 16



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FIG. 17

TRIAL NUMBER OF CHECKS UP TO DETECTION OF FAULT	TRIAL NUMBER OF CHECKS UP TO DETECTION OF FAULT	FAULT LOCATION
N TIMES	NO ABNORMALITY	LINK FROM 20D TO 20E
NO ABNORMALITY	M TIMES	LINK FROM 20E TO 20D
N TIMES	M-1 TIMES	NETWORK NODE APPARATUS 20E
N-1 TIMES	M TIMES	NETWORK NODE APPARATUS 20D



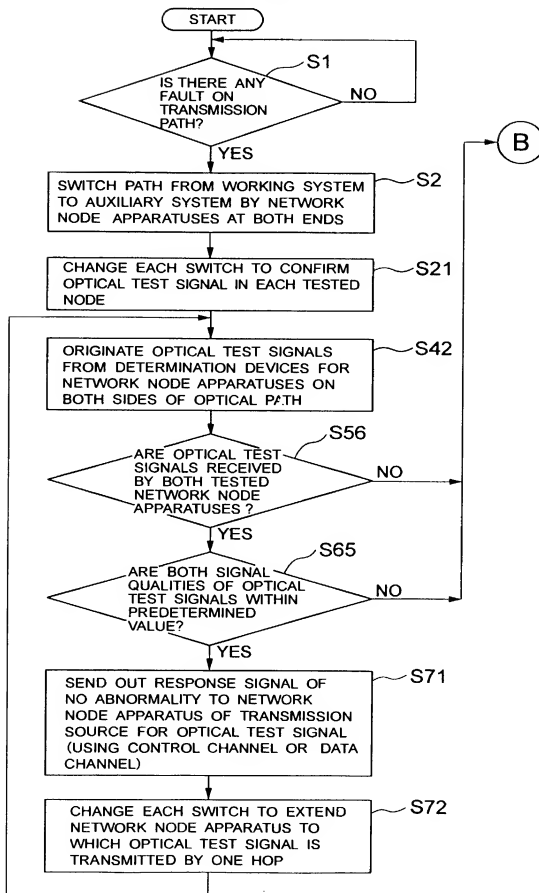
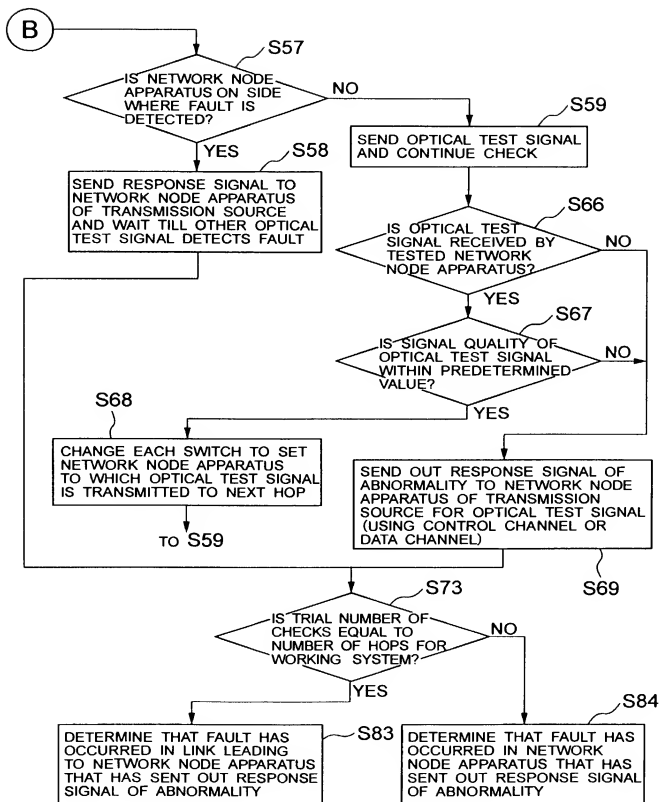
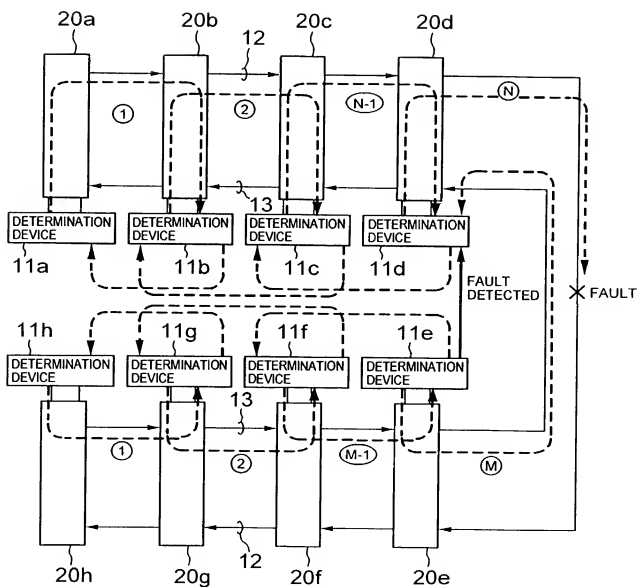


FIG. 19



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FIG. 20



# FIG. 21

TRIAL NUMBER OF CHECKS UP TO DETECTION OF FAULT	TRIAL NUMBER OF CHECKS UP TO DETECTION OF FAULT	FAULT LOCATION
N TIMES	NO ABNORMALITY	LINK FROM 20D TO 20E
NO ABNORMALITY	M TIMES	LINK FROM 20E TO 20D
N TIMES	M-1 TIMES	NETWORK NODE APPARATUS 20E
N-1 TIMES	M TIMES	NETWORK NODE APPARATUS 20D

FIG. 22

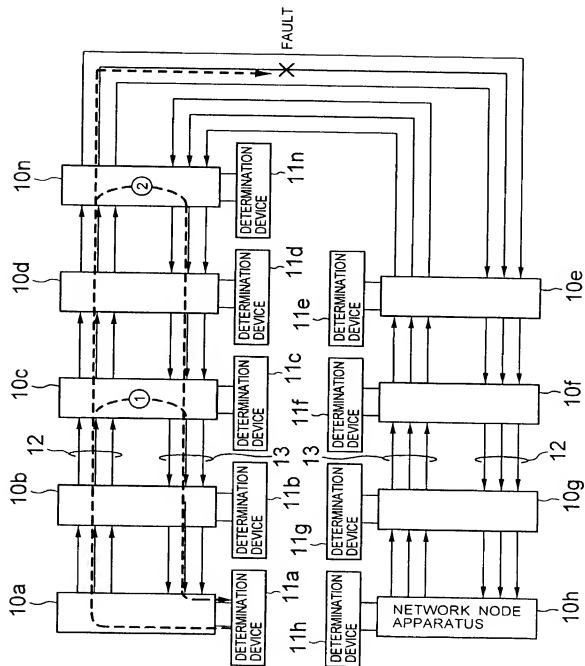




FIG. 25

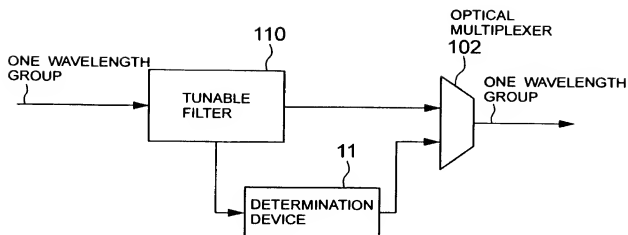


FIG. 26

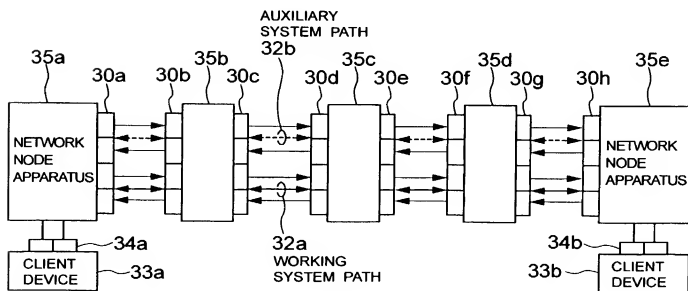


FIG.27

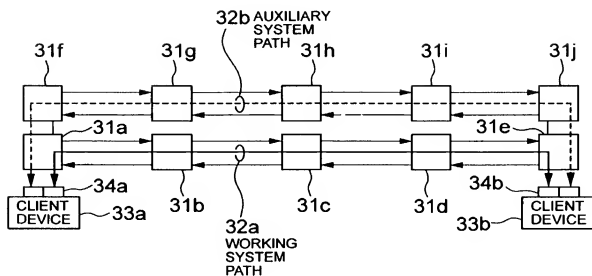


FIG.28

